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CIA/FID Sum 2151

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Econ
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Alkyl Chlorides from Alcohol and Hydrogen Chloride,
by R. Marin, A. Schmidt, R. Krueger (inventors),
5 pp.

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Published 14 Jan 1954. Chemische Werke Huels,
G.m.b.H. (Loan Copy Only).

SLA 57-3123

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New Simple Method for the Investigation of the
Detonation of Explosives When Performing Work,
by A. Haid, A. Schmidt.

GERMAN, per, Z für das Gesamte Schienen- und
Sprengstoffwesen, Vol XXXIV, 1939, pp 38-41.

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Sci - Chem
Jun 59

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The Welding Behaviour of Chemically Resistant
Cr-Ni Steels With Higher Mo and Mo-Cu Contents, by
A. Schmidt;

GERMAN, per, Schweisstechnik, Vol XII, Dec 1958,
pp 153-156.

BISI 2194

Sci - Min/Metals

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Mar 65
U.S. GOVERNMENT ONLY

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Mar 65
U.S. GOVERNMENT ONLY

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des Isotopes Par Echange Chaud - Froid,
(Principles and Technique of the Method of Separation
of Isotopes by Hot-Cold Exchange), by A. Schmidt,
Schmidt, 16 pp.

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1959, pp 94-98.

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CEA Tr-A-779

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Cracking of Liquid Hydrocarbons by Electric Arcs, 68
by A. Schmidt, H. Schmidt.
GERMAN, per, Erdöl und Kohle-Erdgas-Petrochemie,
Vol 16, 1963, pp 693-697.
NYC-69-12731-07A

A. Schmidt

Sci-Chem
Sept 69

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Adducts of Antimony(V) Chloride and Hydrogen
Chloride With Cyanogen Halides, by
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GERMAN, per, Chemische Berichte, Vol. XCVII,
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ATS-29878G

A. Schmidt

Apr 67

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Combustion at Low Pressures, by H. Behrens,
F. Rossler, A. Schmidt, 11 pp.

GERMAN, per, Explosivstoffe, Vol IV, No 10, 1956,
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SLA 58-519
Picatinny Arsenal Tr 19

Sci - Phys

Aug 58

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Barriertype Cells, by F. Eckart, A. Schmidt,
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1941, pp 199-209.

SLA 57-1376

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Sci - Chem
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when the Coordinate System Changes Linearly. 56
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Dept of Navy Tr 4352/OP. No T-151b

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Sci - Enl
Doc 03

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TT-64-10878

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CELLULOSE (HEMICELLULOSE) IN FEEDING
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I. Schmidt, A.
II. Lohriach, H.

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(Biological Sciences--Pathology, TT, v. 11, no. 12)

Office of Technical Services

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G. Perriot, A. P. Schmidt, 152 pp.
FRENCH, rpt, 1962. 9221935
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Sci-Nucl Sci
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THE INFLUENCE UPON COMBUSTION PROCESSES
IN DIESEL ENGINES OF ADDITION TO THE FUEL
OF IGNITION PROMOTORS, PARTICULARLY
ORGANIC PEROXIDES. [1963] [17]p. 11 refs.
Order from SLA \$1.60

63-10995

Trans. of Oel und Kohle (Germany) 1940, v. 36, no. 13,
p. 122-128.

DESCRIPTORS: *Combustion, Fuel oil, Diesel engines,
*Ignition, *Fuel additives, Organic compounds,
*Peroxides.

(Materials--Fuels, TT, v. 10, no. 3)

63-10995

I. Schmidt, A. W.
II. Mohry, F.

1720867

Office of Technical Services

Schmidt, A. W., Kneule, F., and Beck, H.
STUDY OF METHODS OF INCREASING THE RE-
ACTIVITIES OF FUELS FOR INTERNAL COM-
BUSTION ENGINES, COMMUNICATION NO. 24.
[1963] 11p.
Order from SLA \$1.60

63-14267

Trans. from unidentified German language mono.,
n. p., 6 Oct 42.

DESCRIPTORS: *Fuels, *Ignition, Reaction kinetics,
Internal combustion engines, *Fuel additives,
Acetonitriles, Camphors, Styrenes, Esters,
Aldehydes, *Alcohols, Glycol, Hydrocarbons,
Nitration.

Various pure hydrocarbons were investigated with
respect to their influence upon the ignition tendencies
of fuels. All esters studied reduced the cetane number.
Pseudocumene and para-cymene reduced the cetane
(Materials--Fuels, TT, v. 10, no. 3) (over)

63-14267

I. Schmidt, A. W.
II. Kneule, F.
III. Beck, H.

100000

Office of Technical Services

63-14254

Schmidt, A. W. and Kneule, [F].
STUDIES OF HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN (ENGINE PART) COMMUNICATION
VII, 2. [1963] 8p.
Order from SLA \$1.10

63-14254

Trans. from unidentified German language mono.,
n. p., 3 Aug 40.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, Internal combustion engines, Benzenes,
Petroleum, Gasoline, Knocking.

(See also 63-14253)

(Materials--Fuels, TT, v. 10, no. 3)

I. Schmidt, A. W.
II. Kneule, F.

63-14254

Office of Technical Services

63-14264

Schmidt, A. W. and Beck, H.
STUDY OF METHODS OF INCREASING THE REACTIVITIES OF FUELS FOR INTERNAL COMBUSTION ENGINES, COMMUNICATION NO. XXI, 1 (CHEMICAL PART). [1963] 9p.
Order from SLA \$1.10

63-14264

Trans. from unidentified German language mono., n.p.
6 Mar 42.

DESCRIPTORS: *Fuels, *Ignition, *Nitration, Internal combustion engines, Nitric acid, Sulfuric acid, Toluenes, Nitrogen compounds, Oxides, Reaction kinetics.

Nitration with mixed acids resulted in a rise in ignition tendency for all fuels treated. The smallest rise is shown by cyclohexane and the two petroleum gasolines, the largest by brown coal gasoline. Nitration with mixed acids causes a steeper rise in the case of the (Materials--Fuels, TT, v. 10, no. 3) (over)

I. Schmidt, A. W.
II. Beck, H.

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES OF HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN: TREATMENT OF FUELS,
COMMUNICATION NO. XV, 1 (CHEMICAL PART).
[1963] 8p.
Order from SLA \$1.10

63-14259

Trans. from unidentified German language mono.,
n.p., 30 May 41.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, *Ignition, Gasoline, Nitration,
Ozone, Tetryl, Chlorine compounds, Nitrogen
compounds, Chloroform.

Large scale nitration yields an insoluble by-product of
very high ignition tendency. The individual fractions
of Ruhr gasoline show a rise in ignition tendency with
boiling point. The influence of the duration of the ozone
(Materials--Fuels, TT, v. 10, no. 4) (over)

63-14259

I. Schmidt, A. W.
II. Beck, H.
III. Title: Treatment...

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES ON HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN: TREATMENT OF FUELS
(CHEMICAL PART) COMMUNICATION NO. XIII
[1963] 6p.
Order from SLA \$1.10 63-14257

Trans. from unidentified German language mono.,
n.p., 1 Apr 41.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, *Ignition, Nitration, *Ozone, Methyl
radicals, Alcohols, Nitrogen compounds, Gasoline.

In Kogasin II, also, the highest boiling constituents
exhibited the highest ignition tendencies. Nitration
increases the ignition tendency of Kogasin II, but shows
no considerable variation in effect as between the
various fractions. Ozone treatment increases the
(Materials--Fuels, TT, v. 10, no. 4) (over)

63-14257

I. Schmidt, A. W.
II. Beck, H.
III. Title: treatment ...

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDY OF METHODS OF INCREASING THE RE-
ACTIVITIES OF FUELS FOR INTERNAL COMBUS-
TION ENGINES, COMMUNICATION NO. 25. [1963]
6p.

Order from SLA \$1.10

63-14265

Trans. from unidentified German language mono.,
n.p., 18 Dec 42.

DESCRIPTORS: *Fuels, *Ignition, Reaction kinetics,
Internal combustion engines, *Fuel additives, *Fuel
oil, Ethyl ethers, Ethyl radicals, Lactates,
Pentonones, *Alcohols, Nitration.

Acetoacetic ester is a hydrocarbon of cetane number
40, suitable for use as a diesel additive. Ethyl lactate
is not a suitable ignition promoter, even after nitration.
Diacetone alcohol also has no ignition promoting effect,
even after nitration. The alcohols fenchol and linalool
(Materials--Fuels, TT, v. 10, no. 3) (over)

63-14265

I. Schmidt, A. W.
II. Beck, H.

Office of Technical Services

63-14255

Schmidt, A. W. and Beck, H.
STUDIES OF HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN, COMMUNICATION NO. VIII, 1.
[1963] 11p.

Order from SLA \$1.60

63-14255

Trans. from unidentified German language mono.,
n.p., 12 Oct 40.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, *Ignition, Knocking, Acetylenes,
Peroxides, Organic compounds, Nitrogen compounds.

Extensive engine studies, using the Triumph engine,
established the following results: (1) Kogasin from the
Fischer-Tropsch synthesis, which knocks excessively
in vaporizer operation, was found to be particularly
suitable for use in the Triumph engine. (2) Under
certain circumstances, additions of peroxides and
nitro compounds increase the ignition tendency of the
base fuel. (3) Variation of the injection point is of
(Materials--Fuels, TT, v. 10, no. 3) (over)

I. Schmidt, A. W.
II. Beck, H.

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES OF HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN: TREATMENT OF FUELS
(CHEMICAL PART) COMMUNICATION NO. XI, 1.
[1963] 8p.
Order from SLA \$1.10 63-14256

Trans. from unidentified German language mono.,
n.p., 3 Feb 41.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, *Ignition, Refining, Sulfuric acid,
Methyl radicals, Alcohols, *Ozone.

Neither refining with sulfuric acid nor selective extrac-
tion with methyl alcohol yields any improvement in
ignition tendency in the absence of ozone treatment.
Ozone treatment raises the cetane number by an
amount corresponding to the duration of the treatment,
both for unpretreated fuel and for fuel pretreated with
(Materials--Fuels, TT, v. 10, no. 3) (over)

63-14256

I. Schmidt, A. W.
II. Beck, H.
III. Title: Treatment...

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES ON HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN: TREATMENT OF FUELS
(CHEMICAL PART) COMMUNICATION NO. XIX, 1.
[1963] 8p.

Order from SLA \$1.10

63-14261

Trans. from unidentified German language mono.,
n.p., 6 Dec 41.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, Distillation, Refining, Nitration,
Sulfuric acid, *Ignition, Nitrogen compounds,
Chloroform.

The redetermination of the cetane values of the indi-
vidual fractions shows again the rise of ignition
tendency with the boiling point, the highest boiling
fraction having the most favorable cetane value. Mixed
refining by means of alkali and acid does not result in
(Materials--Fuels, TT, v. 10, no. 3) (over)

63-14261

I. Schmidt, A.W.
II. Beck, H.
III. Title: Treatment...

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES ON HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN, COMMUNICATION NO. VII, 1
(CHEMICAL PART). [1963] 6p.
Order from SLA \$1.10

63-14252

Trans. from unidentified German language mono.,
n. p., 3 July 40.

DESCRIPTORS: Hydrocarbons, *Fuel oil, Oxygen,
*Fuel additives, *Peroxides, Hydroxides, Ethyl
radicals, Methyl radicals, Hydroperoxides, Solubility.

(See also 63-14251)

(Materials--Fuels, TT, v. 10, no. 3)

63-14252

I. Schmidt, A. W.
II. Beck, H.

63-14252

Office of Technical Services

Schmidt, A. W. and Beck, H.
STUDIES ON HYDROCARBONS WITH ATTACHED
ACTIVE OXYGEN, COMMUNICATION NO. VII, 1
(CHEMICAL PART). [1963] 5p.
Order from SLA \$1.10

63-14253

Trans. from unidentified German language mono.,
n.p., 29 July 40.

DESCRIPTORS: Hydrocarbons, *Fuel oil, *Fuel
additives, *Peroxides, Hydroxides, Methyl radicals,
Ethyl radicals, Oxygen.

(See also 63-14252)

(Materials--Fuels, TT, v. 10, no. 3)

63-14253

I. Schmidt, A. W.
II. Beck, H.

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Office of Technical Services

Studies on Hydrocarbons With Attached Active
Oxygen, Communication No VI, 1: Engine Studies,
by A. W. Schmidt, H. Beck, et al.

GERMAN, mono, 6 Jun 1940.

SLA 63-14251 —————→

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Contributions to the Subject of Peat
Improvement. 1: Low Temperature Carbonization
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A.W. Schmidt

Sci -
Aug 67

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THE PRICE PROBLEM ON THE SOCIALIST WORLD MARKET,
BY BELA CSIKOS ANDY EDITH JAVORKA, ARAN SCHMIDT,
16 PP.

HUNGARIAN, PER, KOZGAZDASAGI SZEMLE, VOL. X, NO. 2,
1963, PP 144-155.

JPRS 18958

EEUR - HUNGARY
ECON
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(DC-6025)

The Problems of Centralization and Decentraliza-
tion, by Adam Schmidt, 9 pp.

HUNGARIAN, per, Ipargazdasag, Vol XIII, No 4,
1961, pp 25-29.

JPRS 8762

ESur - Poland

Econ

166, 834

Sep 61

The Theory of Detonation, by Albert Schmidt, 19 pp.

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GERMAN, per, Zeit. f. das Gas. Schiess - u. Sprengstoff-
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Aug 55

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49
New method for the detection of liquid
hydrocarbons, by Alfred Schmidt, Herbert Schmidt
et al, 10 pp.

GUERIN, per, Erdol und Kohle Erdgas
Petrochimie, Vol XVI, No 9, 1963, pp 940-944.
ACSI J-0317

ID 2204037065

Alfred Schmidt

Sci-Chem
Aug 66

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The Reaction of Hydrogen Cyanide with Antimony. VO
Chloride and Hydrogen Chloride, by Eckhard
Allenstein, Armin Schmidt, 18pp
GERMAN, per, Chemische Berichte, Vol 97, 1964,
pp 1863-1869
TC-336

Armin Schmidt

Sci - Eng
June 67

Continuation of Memorandum of Understanding of
Minister Internal Security, by B. Schmidt,
B. Schmidt. Op.
PUBLISHED, per, Archiver, 1974, Vol. 10,
No. 3, 1974, pp. 70-71. 2 100/110
FED-AT-97-170

B. Schmidt

Vol. 10, 3 Internal Security
Jan 67

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Studies on the Disinfection of the Air Through
Ultraviolet Radiation in Surgical Operating Rooms,
by B. Schmidt, J. Kreudel, W. Weimershaus, 24 pp.

GERMAN, per, Brun's Beft. z. klin. Chir.,
Vol CLXXXV, No 1, 1952, pp 68-80. *CIA D 151205*

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Microbiological Studies on Chloramphenicol
in Mother's Milk, by B. Schmidt et al.
GERMAN, per, Geburtsh. Frauenheilk,
Vol 23, 1963, pp 1111-1117.
*Dept of Navy/IDS

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B. Schmidt

Sci-IRM
Oct 66

TT-65-13942

Field 60

Schmidt, B. B.
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FORMS OF APPLICATION FOR DERMATOTHERAPY
(Salbe oder Creme. Die Bedeutung Moderner Applikations-
formen fuer die Dermatotherapie). 7p.
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Trans. of Fortschritte der Medizin (West Germany) v82
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I. Title: Significance ...

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Fundamentals of Insurance Protection in the Case of
Employment of Radioisotopes, by H. F. Schmidt, 15 pp.
GSI-AdB, par. III, Atomwirtschaft, Vol IX, 1964,
pp 106-110. 9136090
AEC-Tr-0462

Sci-Flyer
Dec 64

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Form of Compression Shocks in Freely Expanding Gas
Jets, by Konrad Bier, Berndt Schmidt, 24 pp.

GERMAN, per, Z fuer Angew Phys, Vol XIII, No 11,
1961, pp 493-500. 9089613

ABC Tr-5196

Sci - Phys
Aug 62

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Disinfection Experiments on Foam Materials, by
Bernhard Schmidt, 19 pp.

GERMAN, per, Arch fuer Hyg u Bakteriologie, No 140, 1956,
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OTS 59-19375

NIH 10-21

Sci - Chemistry
Oct 59

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INVESTIGATION OF POSSIBLE EFFECTS OF CRYPTIC
AND CRYPTIC/CRYPTIC/CRYPTIC IN THE
BY STANDARD METHOD, OF 01, 14 pp.
1944, per. Arch. Arch. Arch. Arch. Arch.
pp 433-441.
Sept 1944, Tr 4104/1944 no. 055

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Sci - Arch 11 Oct
Apr 45

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Schmidt, Bernhard

Activity of Penicilline in Mother-s Milk.
by Bernhard Schmidt, Harald Hoddin, 10 pp. 41
GERMAN, por, Arzneimittelforschung, Vol XL, No 8, 1961,
pp 806, 807.
Dept of Navy Tr 4130/

Sci - Med
Jul 65

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Schmidt, Bernhard

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The effect of drugs on the inhibitory activity of
drugs used in the treatment of hepatitis.
by Bernard Schmidt, Harold T. Lee, 6 pp.
Gibson, for, Schwartz Fraunhofer, Vol. 1001,
1961, pp 478-531.

Dept of Navy Tr No 4266/NE No 920

Schmidt, Bernard

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Oct 65

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Experimental Demonstration of Penicillinic
Activity in Mother's Milk, by Bernhard Schmidt,
Harold Rodda, 12 pp.

GERMAN, per, Geburtsh. Frauenheilk., Vol XX,
1960, pp 272-278.

Dept of Navy Tr 4502/RMS 1045

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Sci-Biol & MED Sci
Feb 66

Berhard Schmidt

62-10943

Schmidt, Boris E.

BRIGHT AND MAT GOLD IN THE SCREENING
PROCESS (Glanz- und Poliergold-Dekore im Sieb-
druckverfahren). [1962] [5]p. (foreign text included)
1 ref.

Order from SLA \$1.10

62-10943

Trans. of Sprechsaal (West Germany) 1956, v. 89,
no. 14, p. 329-330.

DESCRIPTORS: *Gold alloys, Brightness, *Gold com-
pounds, Deposits, Printing, Lithography, German.
Chemical reactions, Textile screens.

I. Schmidt, B. E.

C225881

(Engineering--Chemical, TT, v. 8, no. 9)

Office of Technical Services

Experiments in Desulfurization of Rennluppen and Their
Subsequent Treatment in an Electric Furnace, by
M. Wahlster, C. B. Schmidt, 7 pp.

GERMAN, per, Technische Mitteilungen Krupp, Vol XVI,
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SLA 60-16786

Sci

190, 279

Apr 62

Vol IV, No 6

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Method of Manufacturing Finned Tubes, by Carl Schmidt, 3 p.
FRENCH, pat, Patent No 126,768.
Dept of Comm
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70

Carl Schmidt
Sci-H&H
Jul 66

305,796

Heat Transfer at Finned Tubes, and Computation
of Tube-bank Heat-Exchange, by E. Schmidt.
GERMAN, per, Kaeltetechnik, Vol 15, No 4, 1963,
pp 98-102.
*AEC-Tr-2935

E. Schmidt

Sci/Phy
Feb 70

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On the Formation of Sulphur During the Action
of Sulphur Dioxide on Calcium Sulphide, Zinc
Sulphide and the Iron Sulphides, by Wohler,
Lothar, Martin, E. Schmidt, 36 pp.

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Vol CXXVII, 1923, pp 273-294.

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Sci - Chem

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Jul 57

On the Reddening of Sulphite Pulp as well as the
Reddening of Parchment Paper Caused Sodium Chloride,
by E. Schmidt, 8 pp.

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SLA Tr 2719

Sci - Chemistry
Feb 2 58

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The Concrete Testhammer; an Instrument Used
in the Quality Testing of Concrete in Place,
by E. Schmidt.

GERMAN, par, Schweizer Bauzeitung, Jul 1950.

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Sci - Engr

Feb 59

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The Study of Aliphatic Carbodiimides, Part IV, by E.
Schmidt, W. Striesaky.

GERMAN, par, Justus Liebigs Ann Chem, Vol DLX, 1948,
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SLA 58-60A

Sci

Aug 59

95, 111

The Study of Aliphatic Carbodiimides, by E. Schmidt,
W. Striewsky, 21 pp.

GERMAN, per, Ber, Vol LXXIV, 1971, pp 1285-1296.

SLA 58-603

Sci

Aug 59

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Heat Transfer by Natural Convection in Fluids
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May 63

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Measurement of the True Specific Heat of Poor
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FRENCH, per, International Journal of Heat and
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Jan 63

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The Theory of linear and non-Linear integral
Equations, by Erhard Schmidt, 43 pp.

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earen integral Gleichungen"

Dept of Modern Languages
North Carolina State College

Sci
Feb 63

4
Some Fundamental Problems in How Iron and Steel
Prices in the GDR, by Erich Schmidt, 9 pp.
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JPRS 27073

BR-Germany
Econ
Jan 65

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Econ

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Schmidt, Erich and Rutz, Gustav.
METHOD FOR THE PREPARATION OF NITRO- AND
CHLOR-NITRO OLEFINS, I. [1963] 6p. 22 refs.
Order from SLA \$1.10 63-14216

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p. 2142-2148.

DESCRIPTORS: *Propenes, *Butenes, *Pentenes,
*Octenes, *Nitro radicals, Chlorides, Synthesis
(Chemistry), Acetyl radicals, Alcohols, Potassium
compounds, Bicarbonates.

(Chemistry--Organic, TT, v. 10, no. 4)

63-14216

I. Schmidt, E.
II. Rutz, G.

Office of Technical Services

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Sci - Phys
Sep 63

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Schmidt, Ernst and Sellschopp, Wilhelm.
THERMAL CONDUCTIVITY OF WATER AT TEM-
PERATURES UP TO 270°C (Wärmeleitfähigkeit des
Wassers bei Temperaturen bis zu 270°C). [1963] [18p]
Order from SLA \$1.60 TT-64-10331

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